

3/19/4

DIALOG(R)File 347:JAPIO

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04750248 **Image available**
SEAL UNIT OF SHAFT SEALING DEVICE

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INVENTOR(s): ISHIBASHI SUSUMU
APPLICANT(s): MITSUBISHI HEAVY IND LTD [000620] (A Japanese Company or
 Corporation), JP (Japan)
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ABSTRACT

PURPOSE: To shorten the time for seal unit installation by assembling a seal unit through fixing of a shaft sleeve to a seal casing with a thrust support plate and end-face seal collar interposed, and fitting the shaft sleeve of the unit on a rotary shaft.

CONSTITUTION: A shaft sleeve 11 is inserted in a seal casing 8, and a thrust support plate for the shaft sleeve 11 is mounted on a thrust collar 15 using a bolt 17 so that the two 8, 11 are consolidated. Therein a spacer 14 is interposed between the thrust collar 15 and thrust support plate 12 so that a non- contact gap .delta. is reserved in between. Radial lip seals 18, 19 retained in the seal casing 8 are contacted with the radial seal surface S(sub 1) of the shaft sleeve 11, and the chamber 21 between the seals 18, 19 is filled with grease G to make leak check and a seal unit H is assembled. A rotary shaft is inserted in the shaft sleeve 11 of this seal unit H, which is secured to a housing using bolts.

C:\Program Files\Dialog\DialogLink\Graphics\34.bmp

